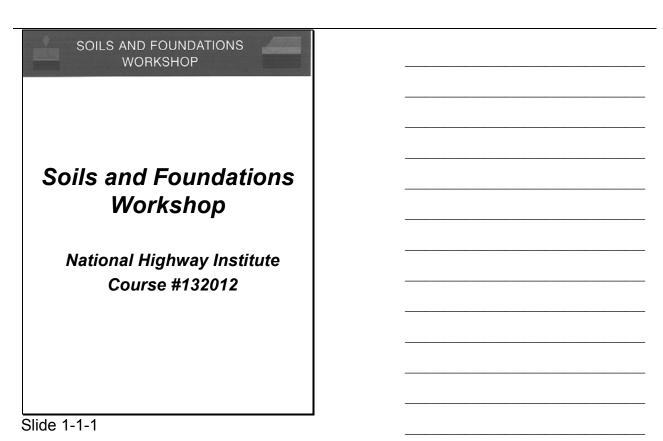
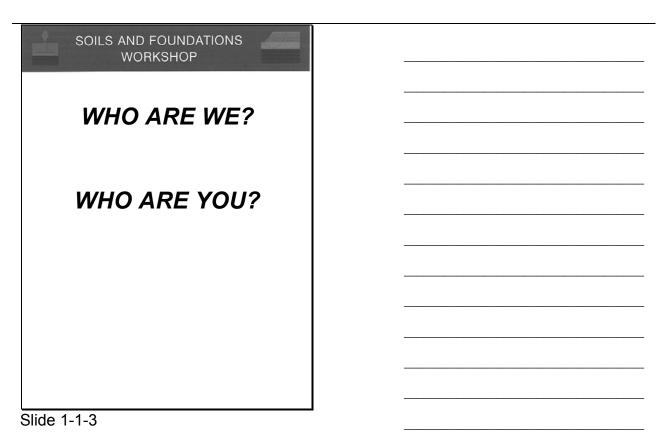
LESSON 1 TOPIC 1

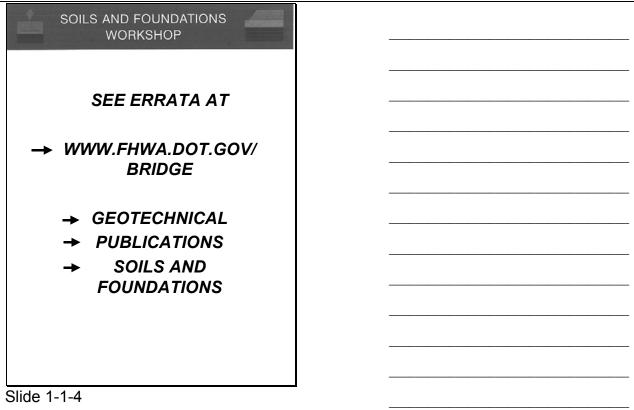
Workshop Introduction

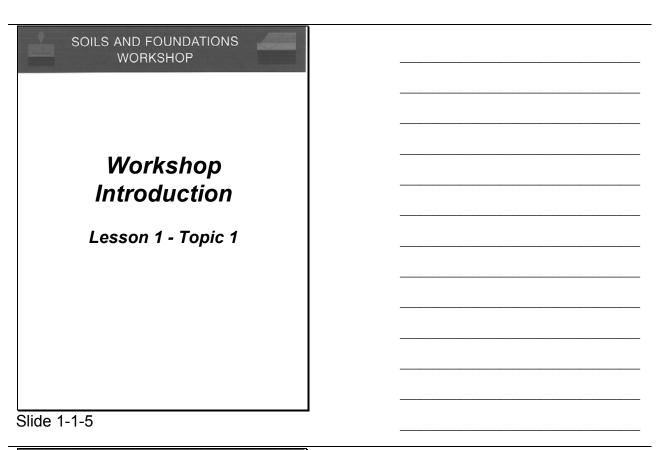


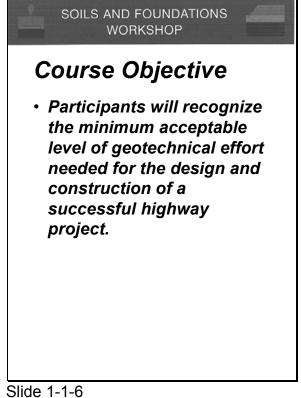
HOUSEKEEPING

Registration
Continuing Education
Credits
Breaks
Restrooms
Course Evaluation











Overall Learning Objective

Participants will recognize the minimum levels of geotechnical knowledge and skill needed for a successful highway project and

will be able to apply that knowledge to their local agencies and conditions.

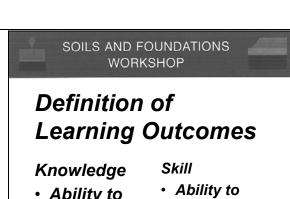
Slide 1-1-7



Course Content

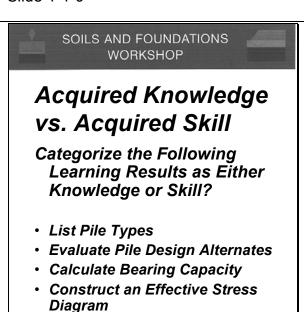
- SITE EXPLORATION
- BASIC SOIL PROPERTIES
- LABORATORY TESTING
- SLOPE STABILITY
- EMBANKMENT SETTLEMENT
- SPREAD FOOTING DESIGN
- PILE DESIGN
- CONSTRUCTION ASPECTS
- FOUNDATION REPORT

Slide 1-1-8



- Ability to Understand a Technical Process
- Learned by Presentation
- Ability to Perform a Technical Task
- Learned by Practice

Slide 1-1-9



• Recall Exploration Equipment

· Describe a Pile Load Test

Slide 1-1-10

Types